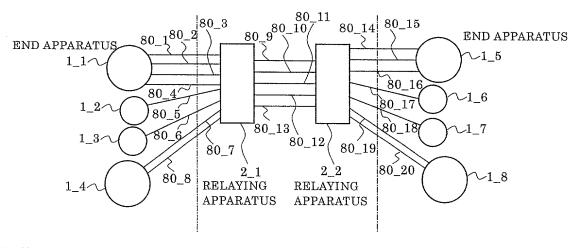
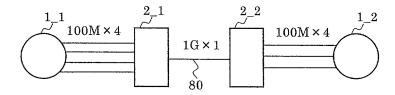
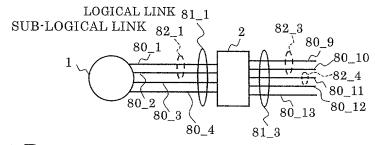
FIG.1 A GENERAL NETWORK ARRANGEMENT



 ${
m FIG.1~B}$ specific network arrangement



 $FIG.1\ C \quad {\tt LINK\, AGGREGATION\,\&\, SUB\cdot LOGICAL\, LINK}$



 $FIG.1\ D\ \ \text{operation example of sub-logical links}$

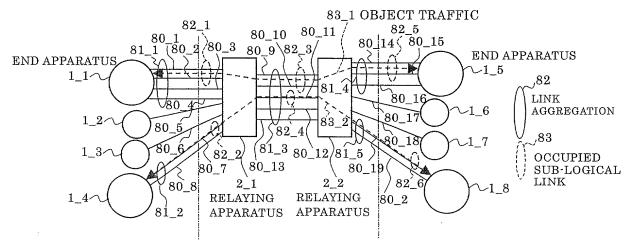


FIG.2

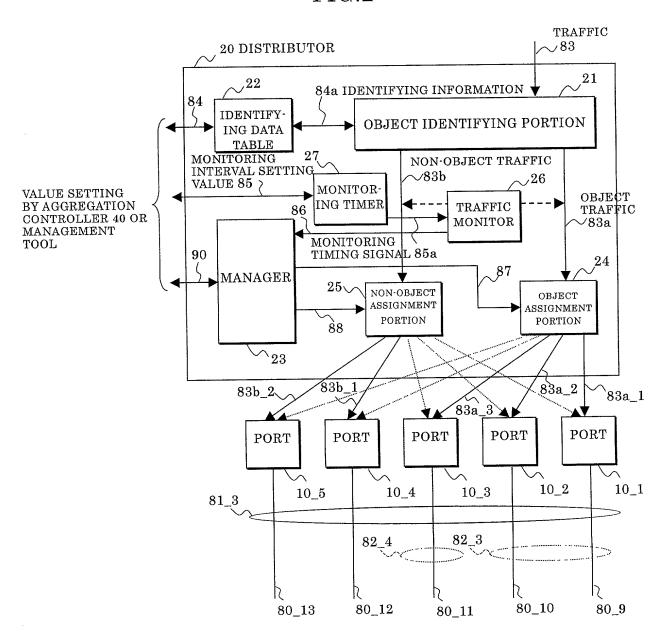


FIG.3A IDENTIFICATION BASED ON MAC ADDRESS

KIND OF	VALUE OF ~
IDENTIFYING	IDENTIFYING
INFORMATION	INFORMATION
(IDENTIFYING	(CONDITION
CONDITION)	VALUE)
SOURCE MAC	00:00:0e:14:32:22
ADDRESS	00:00:00:14:02:22
DESTINATION MAC	00:e0:5f:53:22:21
ADDRESS	00.60.31.33.22.21
:	:

FIG.3B IDENTIFICATION USING INFORMATION OF IP/TCP HEADER

KIND OF IDENTIFYING INFORMATION (IDENTIFYING CONDITION) SOURCE IP ADDRESS DESTINATION IP	VALUE OF IDENTIFYING INFORMATION (CONDITION VALUE) 133.10.15.3	~ ²²
ADDRESS DESTINATION PORT NO.	69	
:	:	

FIG.3C IDENTIFICATION CORRESPONDING TO SUB-LOGICAL LINKS

VALUE OF VALUE OF KIND OF **IDENTIFYING IDENTIFYING IDENTIFYING** INFORMATION INFORMATION INFORMATION (CONDITION VALUE) (CONDITION VALUE) (IDENTIFYING (SUB-LOGICAL LINK (SUB-LOGICAL LINK CONDITION) 82_3) 82_4) SOURCE MAC 00:00:0e:14:32:22 ADDRESS DESTINATION MAC 00:e0:5f:53:22:21 ADDRESS SOURCE IP ... 12.35.120.25ADDRESS DESTINATION IP 122.131.11.221 ADDRESS PORT NO. 69

22

FIG.4

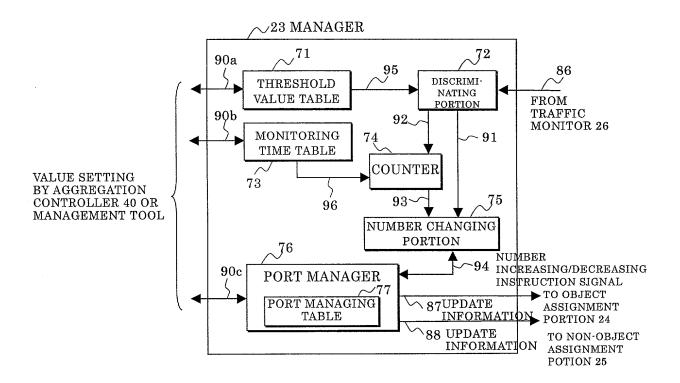


FIG.5A

THRESHOLD VALUE TABLE 71~

OCCUPATION	TRAFFIC	PORT AVAILABLE	PORT AVAILABLE
		RATE FOR	RATE FOR NON-
NUMBER	AMOUNT	OBJECT TRAFFIC	OBJECT TRAFFIC
1	80Mbps	80%	
2	160Mbps		
3	240Mbps		80%
4	320Mbps		
:	:		

FIG.5B

Monitoring time table 73 \searrow

CORRESPONDING COUNTER	COUNT
RELEASING COUNTER	50 TIMES
DECREASING COUNTER	50 TIMES

FIG.5C

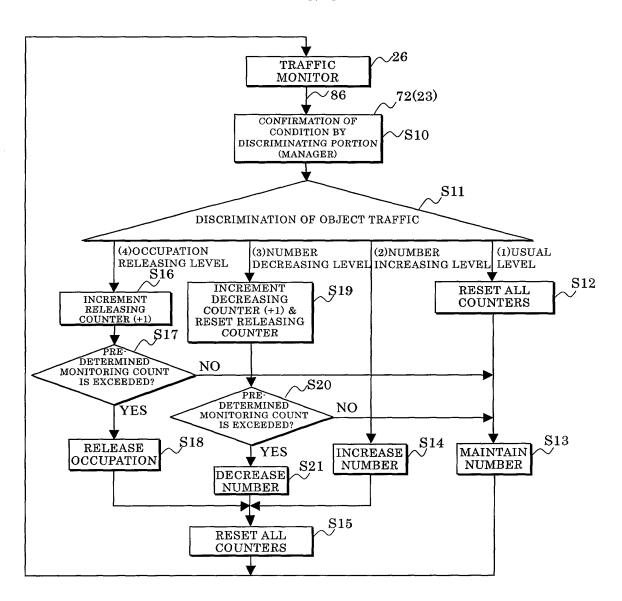
PORT MANAGING TABLE 77 🛰

	· · · · · · · · · · · · · · · · · · ·
PORT	FOR OBJECT
	TRAFFIC
10_1	0
10_2	0
10_3	O(□→O)
10_4	
10_5	

O:OCCUPIED PORT(PORT FOR OBJECT TRAFFIC)

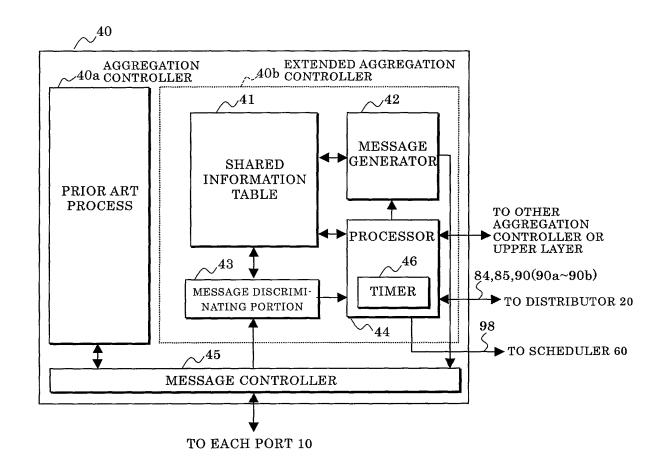
□:NON-OCCUPIED PORT(PORT FOR NON-OBJECT TRAFFIC)

FIG.6



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FIG.7



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FIG.8

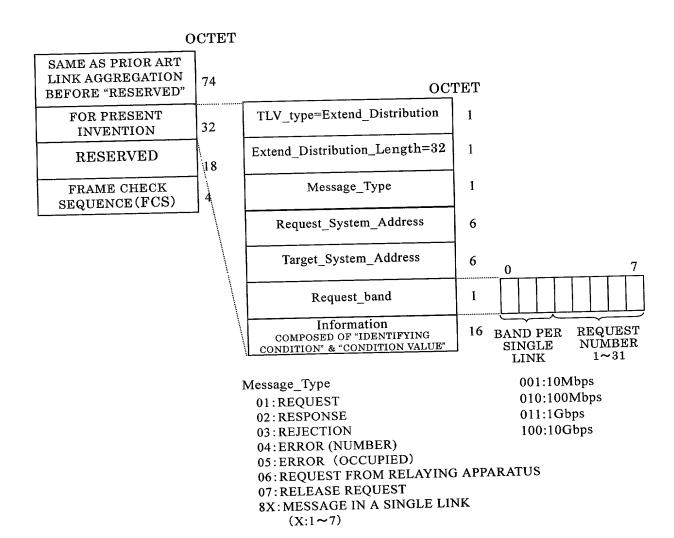
^41

	SUB-LOGICAL LINK 82_3	SUB-LOGICAL LINK 82_4	
OCCUPATION FLAG	on	on	
REQUEST NUMBER	2	1	
REQUEST BAND PER SINGLE LINK	100 (Mbps)	100(Mbps)	•••
REQUEST SOURCE ADDRESS	00:00:0e:14:32:22	00:00:0e:14:32:29	
DESTINATION ADDRESS	00:e0:5f:53:22:21	00:e0:5f:53:22:26	
IDENTIFYING CONDITION 1	SOURCE MAC ADDRESS	SOURCE IP ADDRESS	
CONDITION VALUE 1	00:00:0e:14:32:22	12.35.120.25	
IDENTIFYING CONDITION 2	DESTINATION MAC ADDRESS	DESTINATION IP ADDRESS	•••
CONDITION VALUE 2	00:e0:5f:53:22:21	122.131.11.221	•••
IDENTIFYING CONDITION 3	NONE	DESTINATION PORT NO.	
CONDITION VALUE 3	_	69	
IDENTIFYING CONDITION 4	_	NONE	
CONDITION VALUE 4		_	
	:	:	•••

THE REPORT OF THE PERSON OF TH

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FIG.9



en de mande met de mai fenade () (de entretit de l'atra de entre de la solation en la seconda de l'atra de

FIG. 10A USUAL SEQUENCE

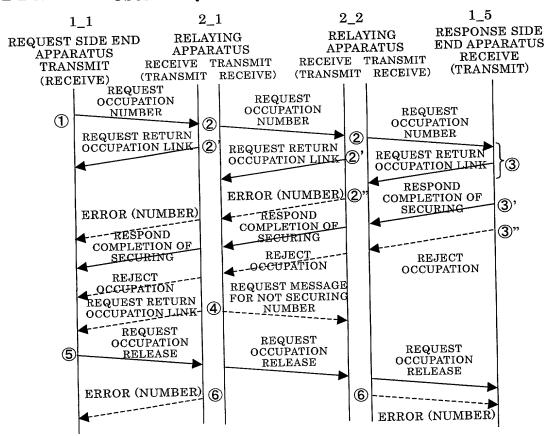


FIG. 10B SEQUENCE UPON REQUEST OVERLAPPED

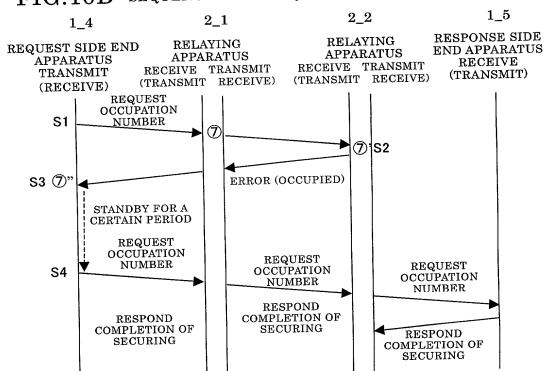
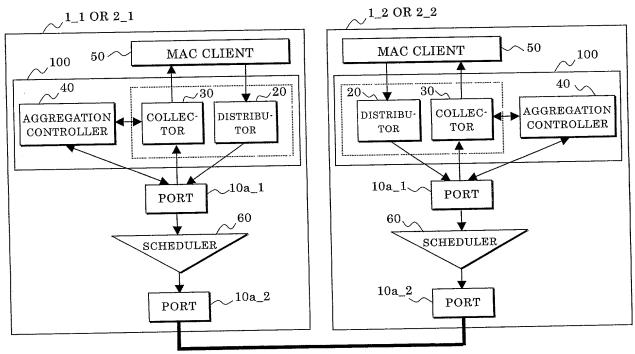
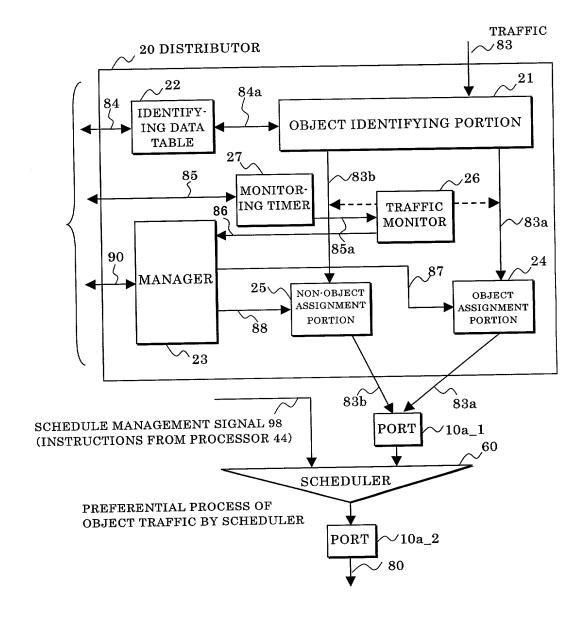


FIG.11



PREFERENTIAL PROCESS OF OBJECT TRAFFIC BY SCHEDULER

FIG.12



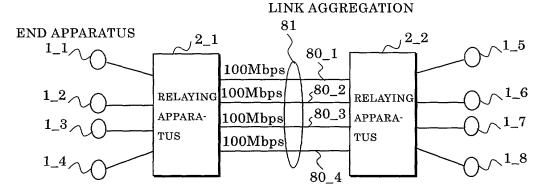
the statement is red should be 1981 (Fill 1994) as the statement of the st

on admitted to the

PRIOR ART

FIG.13A

OUTLINE OF LINK AGGREGATION



 $100 \text{Mbps} \times 4 = 400 \text{Mbps}$

FIG.13B

OUTLINE OF LINK AGGREGATION PORT FUNCTION

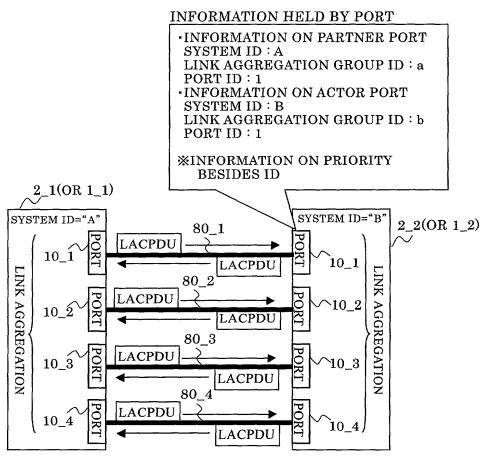


FIG.14A

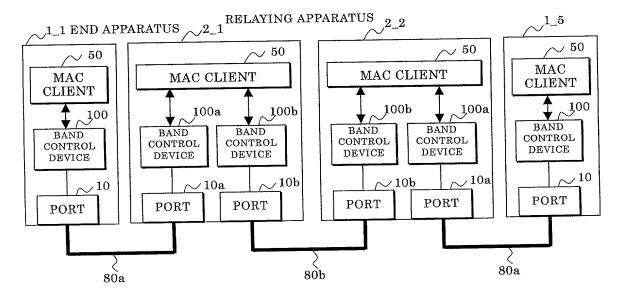


FIG.14B

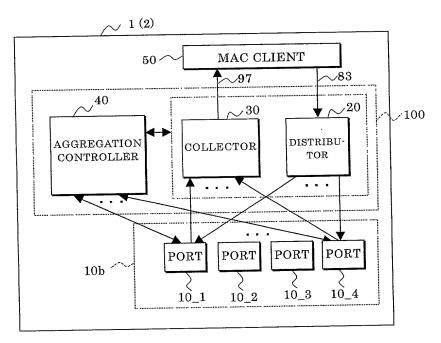


FIG.15

